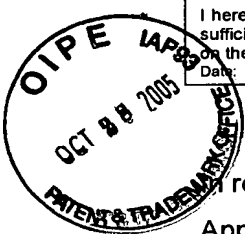


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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:
Date: October 26, 2005 Name: Gustavo Siller, Jr. Signature: _____



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: **Naoya Hasegawa ET AL.**
Appln. No.: **10/079,292**
Filed: **February 20, 2002**
For: **EXCHANGE COUPLED FILM
HAVING IMPROVED CURRENT-
CARRYING
RELIABILITY AND IMPROVED
RATE OF CHANGE IN
RESISTANCE AND
MAGNETIC SENSING ELEMENT
USING SAME**

Examiner: **Christopher R. Magee**
Art Unit: **2653**

Attorney Docket No: **9281-4288**

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL

Sir:

Attached is/are:

- ☒ Transmittal Letter (in duplicate); Information Disclosure Statement Under 37 C.F.R. § 1.97(i); PTO-1449; Copy of Office Action dated September 21, 2004 for corresponding Japanese Patent Application No. 2001-042908; Copy of References D1 and D2
- ☒ Return Receipt Postcard

Fee calculation:

- ☐ No additional fee is required.
- ☐ Small Entity.
- ☐ An extension fee in an amount of \$ _____ for a _____-month extension of time under 37 C.F.R. § 1.136(a).
- ☐ A petition or processing fee in an amount of \$ _____ under 37 C.F.R. § 1.17(_____).
- ☐ An additional filing fee has been calculated as shown below:

| | | | | | Small Entity | | | Not a Small Entity | |
|---|----------------------------------|-------|---------------------------------|---------------|--------------|-----------|----|--------------------|-----------|
| | Claims Remaining After Amendment | | Highest No. Previously Paid For | Present Extra | Rate | Add'l Fee | or | Rate | Add'l Fee |
| Total | | Minus | | | x \$25= | | | x \$50= | |
| Indep. | | Minus | | | x 100= | | | x \$200= | |
| First Presentation of Multiple Dep. Claim | | | | | + \$180= | | | + \$360= | |
| | | | | | Total | \$ | | Total | \$ |

Fee payment:

- ☐ A check in the amount of \$ _____ is enclosed.
- ☐ Please charge Deposit Account No. 23-1925 in the amount of \$ _____. A copy of this Transmittal is enclosed for this purpose.
- ☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

10/26/05
Date

Respectfully submitted,

Gustavo Siller, Jr. (Reg. No. 32,305)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Naoya Hasegawa ET AL.
Appln. No.: 10/079,292
Filed: February 20, 2002
For: EXCHANGE COUPLED FILM
HAVING IMPROVED CURRENT-
CARRYING
RELIABILITY AND IMPROVED
RATE OF CHANGE IN
RESISTANCE AND
MAGNETIC SENSING ELEMENT
USING SAME

Examiner: Christopher R. Magee

Art Unit: 2653

Attorney Docket No: 9281-4288

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97(i)**

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, and more particularly in accordance with 37 C.F.R. §1.97(i), Applicant hereby cites the following reference(s):

| No. | Date of Publication |
|------------|---------------------|
| 9-82524 | 03/1997 |
| 2000-31562 | 01/2000 |
| | |

Applicant is enclosing Form PTO-1449 (one sheet), along with a copy of each listed reference for which a copy is required under 37 C.F.R. §1.98(a)(2). Also enclosed is a copy of an office action dated September 13, 2004 for corresponding Japanese Patent Application 2001-042908. Applicant respectfully requests that the citation(s) be placed into the file wrapper of the application.

By submitting this Statement, Applicant is attempting to fully comply with the duty of candor and good faith mandated by 37 C.F.R. §1.56. As such, this Statement is not intended to constitute an admission that any of the enclosed references, or other information referred to therein, constitutes "prior art" or is otherwise "material to patentability," as that phrase is defined in 37 C.F.R. §1.56(a).

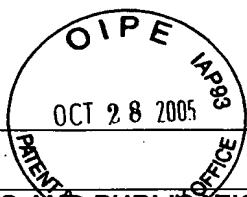
Applicant has calculated no fee to be due in connection with the filing of this Statement. However, the Director is authorized to charge any fee deficiency associated with the filing of this Statement to a deposit account, as authorized in the Transmittal accompanying this Statement.

Respectfully submitted,

October 26, 2005

Date


(Reg. No.) 32,305



| | | |
|--|---------------------------------|------------------------|
| FORM PTO-1449 | SERIAL NO. 10/079,292 | CASE NO. 9281-4288 |
| LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary) | FILING DATE February 7, 2005 | GROUP ART UNIT 2653 |
| APPLICANT(S): Naoya Hasegawa et al. | | |

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER <small>Number-Kind Code (if known)</small> | DATE | NAME | CLASS/ SUBCLASS | FILING DATE |
|---------------------|--|------|------|--------------------|----------------|
| | | | | | |
| | | | | | |
| | | | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER <small>Number-Kind Code (if known)</small> | DATE | COUNTRY | CLASS/ SUBCLASS | TRANSLATION YES OR NO |
|---------------------|--|------------|---------|--------------------|--------------------------|
| | D1 | 9-82524 | 03/1997 | Japan | X |
| | D2 | 2000-31562 | 01/2000 | Japan | X |
| | | | | | |

EXAMINER
INITIAL

OTHER ART – NON PATENT LITERATURE DOCUMENTS

(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.